

RECEIVED  
CENTRAL FAX CENTER  
FEB-28 2005

*MADAN, MOSSMAN & SRIRAM, P.C.*  
Attorneys At Law

2603 Augusta Drive, Suite 700, Houston, Texas 77057-5638 713 266-1130 Fax 713 266-8510

**FACSIMILE COVER SHEET**

DATE: February 28, 2005  
FOR: Examiner Elias Desta  
COMPANY OR FIRM: PTO  
FACSIMILE NO.: (703) 872-9306  
FROM: Beth Pearson-Naul for Kaushik P. Sriram  
RE: Serial No.: 10/616,638  
Docket No.: GTI-1538  
Title: "Instantaneous Spectral Analysis"

NUMBER OF PAGES INCLUDING THIS COVER SHEET: 12

IF ANY OF THESE PAGES ARE NOT RECEIVED, PLEASE CALL BETH AT (713) 266-1130, ext. 117

---

Substitute Response to Office Action of November 10, 2004 and Response to Notice of Non-Compliant Amendment of February 8, 2005

---

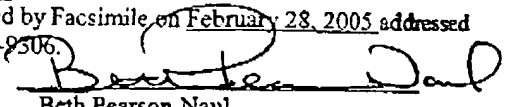
**CONFIDENTIALITY NOTICE**

The documents included in this facsimile may contain information that is confidential or privileged, or both, and is intended only for the use of the individual or entity named on this facsimile cover letter. Any disclosure, copying, distribution, dissemination, or use of this information by any person other than the intended recipient is prohibited. If you have received this facsimile in error, please notify us by collect telephone call at (713) 266-1130 so that we can arrange for either the retrieval of the transmitted documents at no cost to you, or destruction of the transmitted documents.

RECEIVED  
CENTRAL FAX CENTER  
FEB 28 2005

**CERTIFICATE OF TRANSMISSION BY FACSIMILE**

I hereby certify that this correspondence is being transmitted by Facsimile on February 28, 2005 addressed to: Commissioner for Patents, at Telephone No. (703) 872-9306.

  
Beth Pearson-Naul

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT: John P. Castagna et al.	§	Group Art Unit: 2857
	§	
SERIAL NO.: 10/616,638	§	
	§	
FILED: July 9, 2003	§	Examiner: Desta, Elias
	§	
TITLE: "Instantaneous Spectral Analysis"	§	Confirmation No.: 4915
	§	
	§	Atty Docket No.: GTI-1538

**SUBSTITUTE RESPONSE TO OFFICE ACTION OF NOVEMBER 10, 2004 AND****RESPONSE TO NOTICE OF NON-COMPLIANT AMENDMENT OF****FEBRUARY 8, 2005**

This is in response to the referenced office action. Reconsideration of the application as amended is respectfully requested. Amendments to the specifications start on page 2 of this document. No claim amendments are being made. Remarks start on page 8 of this document.